



# HP Pavilion 15 P Series Palmrest Replacement

Need to access any of the system components or fan access? In order to access any of the components, the whole palmrest has to be removed.

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## INTRODUCTION

If you have a problem with the keyboard or trackpad and need to replace it, clean the dust in the system fan or gain component access this guide will show you how to remove the palmrest.

### Guide notes

- While the keyboard cable is very long, the trackpad cable is substantially shorter. You will need to treat the trackpad cable with more caution, since it is shorter.
- You need to work from the bottom first, and work your way up. This is to disconnect the keyboard and trackpad.
- This repair is very complicated. It is a good idea to have a way to sort your screws as there will be two screws to remove the palmrest. Traditionally with HP, they love using multiple screw types as you open the system further.



### TOOLS:

- [64 Bit Driver Kit](#) (1)
- [Magnetic Project Mat](#) (1)

*Use this to sort the screws as they come out of the system*

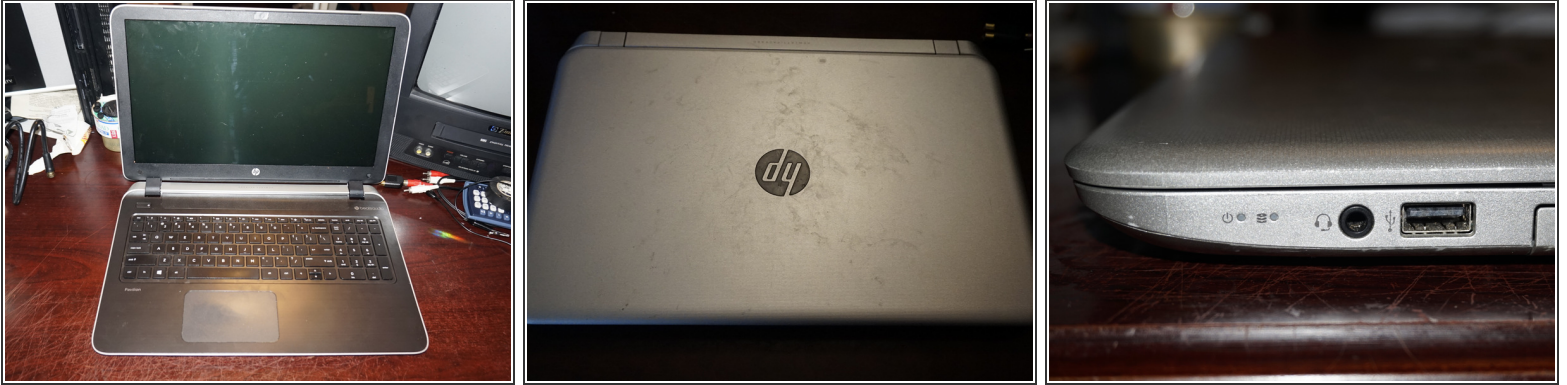
- [iFixit Opening Picks set of 6](#) (1)

*Plastic pry tools work, but these last longer when working on systems like this.*

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## Step 1 — Prepare the laptop



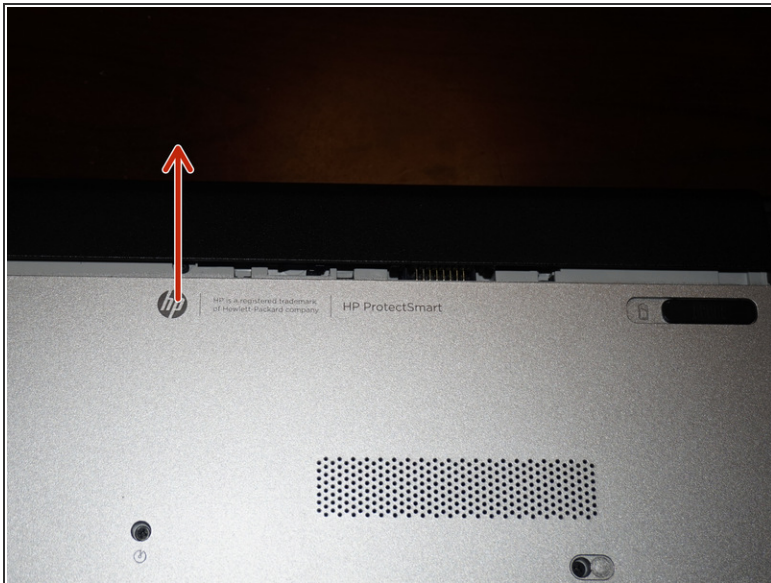
- To prepare the computer, close the lid and let the computer hibernate or shut the system down for major procedures. Do not remove the battery until the power LED on the computer is off.
- ⓘ The ability to hibernate the system by closing the laptop will depend on if you kept the Windows 8 hibernation defaults. If you have changed it, you will manually have to hibernate the system.

## Step 2 — Unlock the battery



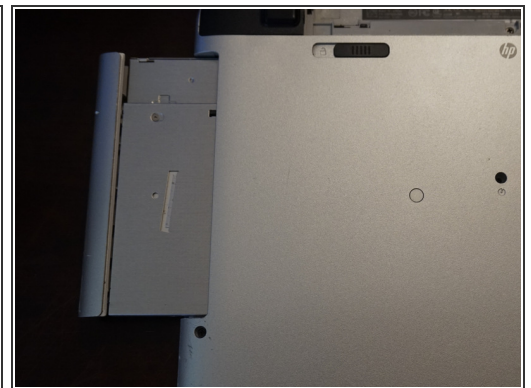
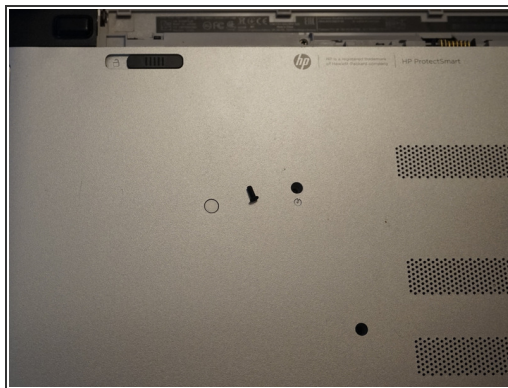
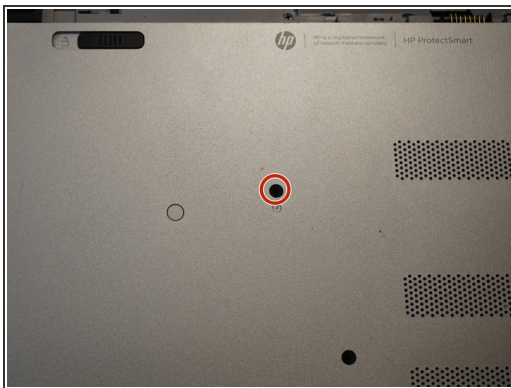
- Once the computer is off, remove the battery. To do this, pull the locking tab to the unlocked position.

### Step 3 — Remove the battery



- To remove the battery, pull the battery forward. This will release it from the computer.

### Step 4 — Remove the optical drive



- Remove the screw that holds the optical drive in. To do this, use a **Phillips #0** screwdriver. Slide the optical drive out once this screw is removed.

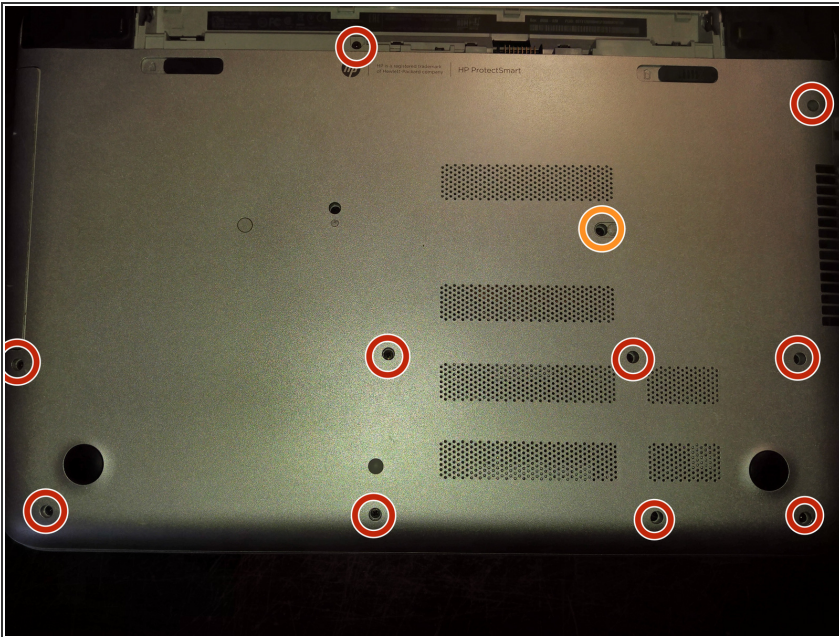


## Step 5 — Remove the hinge caps



- Remove the hinge caps. To do this, remove the rubber pads. Use a **Phillips #0** screwdriver.
- Remove the screws under the hinge caps. To do this, use a **Phillips #0** screwdriver.
- ☑ If you wish to reuse the old pads, stick them on the caps themselves to the side. This will help preserve the adhesive holding them in.

## Step 6 — Remove the bottom screws



- Once you have the battery and optical drive removed, remove the **11** screws that hold the palmrest in.
- This screw is hidden by a stick on cover. If this gets lost or the glue weakens, it's a cosmetic issue and does not affect the computer.

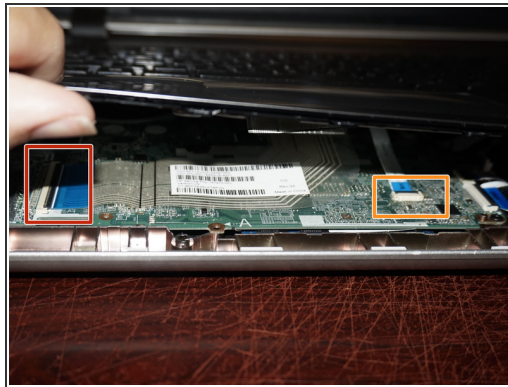
## Step 7 — Remove the screws under the optical drive



- With the palmrest screws removed, remove the screws under the optical drive. Use a **Phillips #00** screwdriver.

**i** The system used in the guide came with one. There may be more than one. If so, sort them accordingly.

## Step 8 — Remove the palmrest



- To remove the palmrest, use a plastic opening tool to work your way around the palmrest. Do this until the first 3 sides are loose. Once the palmrest is loose, lift the front as shown and disconnect the keyboard and trackpad cables. To do this, flip the black plastic tabs on the connectors and pull the cables out.
  - Once the keyboard and trackpad are disconnected, loosen the back of the palmrest for the next step. **DO NOT remove the entire palmrest yet.**
- i** If you are having trouble removing the palmrest from the back of the chassis, assisting removal with a guitar pick can make this process easier.



## Step 9 — Disconnect the power button



- With the keyboard and trackpad disconnected, lay the palmrest on the chassis where the power button cable is easy to access, as shown in the picture. Disconnect the power button cable the same way the keyboard and trackpad were disconnected. Once this is disconnected, the palmrest is free and can be set aside or replaced.
- ⓘ The final picture shows what you should see after removing the palmrest from the system.

To reassemble your device, follow these instructions in reverse order.

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